

SECTION 8

CALKING

8-01 SCOPE: The work covered by this section of the specifications consists in furnishing all plant, labor, equipment, appliances, and materials not furnished by the Government, and in performing all operations in connection with the application of calking, complete, in strict accordance with this section of the specifications and the applicable drawings, and subject to the terms and conditions of the contract.

8-02 WORK NOT INCLUDED: This section does not include calking occurring in connection with joints in concrete floors; contacts between members of metal windows, metal doors and metal frames; joints in paver tile floors; and roofing and sheet metal work.

8-03 APPLICABLE SPECIFICATION: The following Federal Specification forms a part of this specification:

TT-C-598 Compound, Calking; Plastic, (for
Masonry and Other Structures)

8-04 MATERIALS shall conform to the following requirements:

a. Calking compound: Federal Specification TT-C-598, grade 1. The color of the calking compound shall match the color of the mortar joints. Delivery of the calking compound to the building site shall be in the manufacturer's original sealed packages.

b. Sealer for the joint grooves in masonry shall be a quick-drying liquid, of a type and consistency recommended by the manufacturer of the calking compound.

c. Rope yarn shall be the raveled strands of rope fiber free from oil or other staining element.

8-05 SAMPLES: Before the work of application is started, samples of all materials proposed for use shall be submitted to the Contracting Officer for approval.

8-06 APPLICATION: Calking shall be installed in joints around wood or metal frames built into masonry, concrete, or shotcrete-finished exterior walls, or in any other joints so indicated on the drawings and as specified under other sections of these specifications. Calking compound shall be applied by the gun method using nozzles of proper sizes to fit the several widths of the joints. The type of gun shall be subject to approval by the Contracting Officer.

a. Preparation: Calking in joints shall be a minimum of 3/4 inch in depth and 1/4 inch in width unless otherwise indicated on the drawings. Where adequate grooves for calking have not been provided, grooves shall be prepared by cutting and cleaning out the mortar to the minimum depth and by grinding to the minimum width, taking care that adjoining metal work is not reduced in section. All particles of mortar, dust, and other foreign matter shall be brushed out and, just prior to calking, the joint grooves shall be coated with an application of sealer. Where a suitable mortar backstop has not been provided, the back of joint grooves shall be packed tightly with rope yarn.

b. Calking: The compound shall be driven into the joint grooves with sufficient pressure to force out all air and to solidly fill the joint grooves. Calking, where exposed, shall be free of wrinkles and shall be uniformly smooth. Joints in precast sills and other wash surfaces shall be filled slightly convex to obtain a flush joint when dry. Calking around all openings in masonry shall include the entire perimeter of each opening. Upon completion of the calking, any calked joints not entirely filled shall be roughened and filled as specified and the exposed surface tooled smooth.

c. Cleaning: The surfaces of all materials adjoining calked joints shall be cleaned of any smears of compound or other soiling due to the calking application.